SABA
SHORT-ACTING BETA-2 AGONIST

ProAir HFA 4+
METERED DOSE (Authorized generic available)
Albuterol

ProAir Respiclick 4+
DRY POWDER
Albuterol

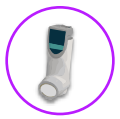
ProAir Digihaler 4+
DRY POWDER
Albuterol

Proventil HFA 4+
METERED DOSE (Authorized generic available)
Albuterol

Ventolin HFA 4+
METERED DOSE (Authorized generic available)
Albuterol

Xopenex HFA 4+
METERED DOSE (Authorized generic available)
Levalbuterol

SABA + ICS
COMBINATION



Airsupra 18+
METERED DOSE
Albuterol/Budesonide

SAMA
SHORT-ACTING MUSCARINIC ANTAGONIST

Atrovent HFA C
METERED DOSE
Ipratropium

SAMA + SABA
COMBINATION

Combivent Respimat C
SOFT MIST
Ipratropium/Albuterol

LABA
LONG-ACTING BETA-2 AGONIST

Serevent Diskus 4+ 4+ C
DRY POWDER
Salmeterol

Striverdi Respimat C
SOFT MIST
Olodaterol

LAMA
LONG-ACTING MUSCARINIC ANTAGONIST

Incruse Ellipta C
DRY POWDER
Umeclidinium

Spiriva Handihaler C
DRY POWDER
Tiotropium

Spiriva Respimat 6+ C
SOFT MIST
Tiotropium

Tudorza Pressair C
DRY POWDER
Aclidinium

LAMA + LABA
COMBINATION

Anoro Ellipta C
DRY POWDER
Umeclidinium/Vilanterol

Bevespi Aerosphere C
METERED DOSE
Glycopyrrolate/Formoterol

Duaklir Pressair C
DRY POWDER
Aclidinium/Formoterol

Stiolto Respimat C
SOFT MIST
Tiotropium/Olodaterol

ICS + LAMA + LABA
COMBINATION

Breztri Aerosphere C
METERED DOSE
Budesonide/Glycopyrrolate/Formoterol

Trelegy Ellipta 18+ C
DRY POWDER
Fluticasone furoate/Umeclidinium/Vilanterol

ICS
INHALED CORTICOSTEROID

Alvesco 12+
METERED DOSE
Ciclesonide

ArmonAir Digihaler 12+
DRY POWDER
Fluticasone propionate

Arnuity Ellipta 5+
DRY POWDER
Fluticasone furoate

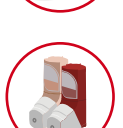
Asmanex Twisthaler 4+
DRY POWDER
Mometasone

Asmanex HFA 5+
METERED DOSE
Mometasone

Flovent Diskus 4+
DRY POWDER (Authorized generic is the only product available)
Fluticasone propionate

Flovent HFA 4+
METERED DOSE (Authorized generic is the only product available)
Fluticasone propionate

Pulmicort Flexhaler 6+
DRY POWDER
Budesonide



QVAR RediHaler 4+
METERED DOSE
Beclomethasone

ICS + LABA
COMBINATION

Advair Diskus 4+ C
DRY POWDER (Generics: Both an authorized generic and Wixela Inhub available)
Fluticasone prop./Salmeterol

Advair HFA 12+
METERED DOSE (Authorized generic available)
Fluticasone prop./Salmeterol

AirDuo RespiClick 12+
DRY POWDER (Authorized generic available)
Fluticasone prop./Salmeterol

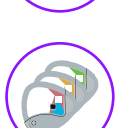
AirDuo Digihaler 12+
DRY POWDER
Fluticasone prop./Salmeterol

Breo Ellipta 5+ C
DRY POWDER
Fluticasone furoate/Vilanterol

Breyna 6+ C
METERED DOSE (Generic for Symbicort)
Budesonide/Formoterol

Dulera 5+
METERED DOSE
Mometasone/Formoterol

Symbicort 6+ C
METERED DOSE (Generics: Both an authorized generic and Breyna available)
Budesonide/Formoterol



Wixela Inhub 4+ C
DRY POWDER (Generic for Advair Diskus)
Fluticasone prop./Salmeterol

FDA-APPROVED INDICATIONS* # = Age (years) approved for asthma # = Age (years) approved for bronchospasms C = Approved for COPD **Updated 12/2023**

**SABAs are FDA-approved for bronchospasms in reversible obstructive airway diseases and exercised-induced bronchospasm (EIB), except Xopenex (levalbuterol), which is not indicated for EIB; Airsupra (albuterol/budesonide) is indicated as-needed for bronchoconstriction and to reduce the risk of exacerbations in asthma; Serevent Diskus (salmeterol) is indicated for EIB, asthma (in addition to an ICS), and COPD. Indications and evidence for individual agents are subject to change and geographic variability.*

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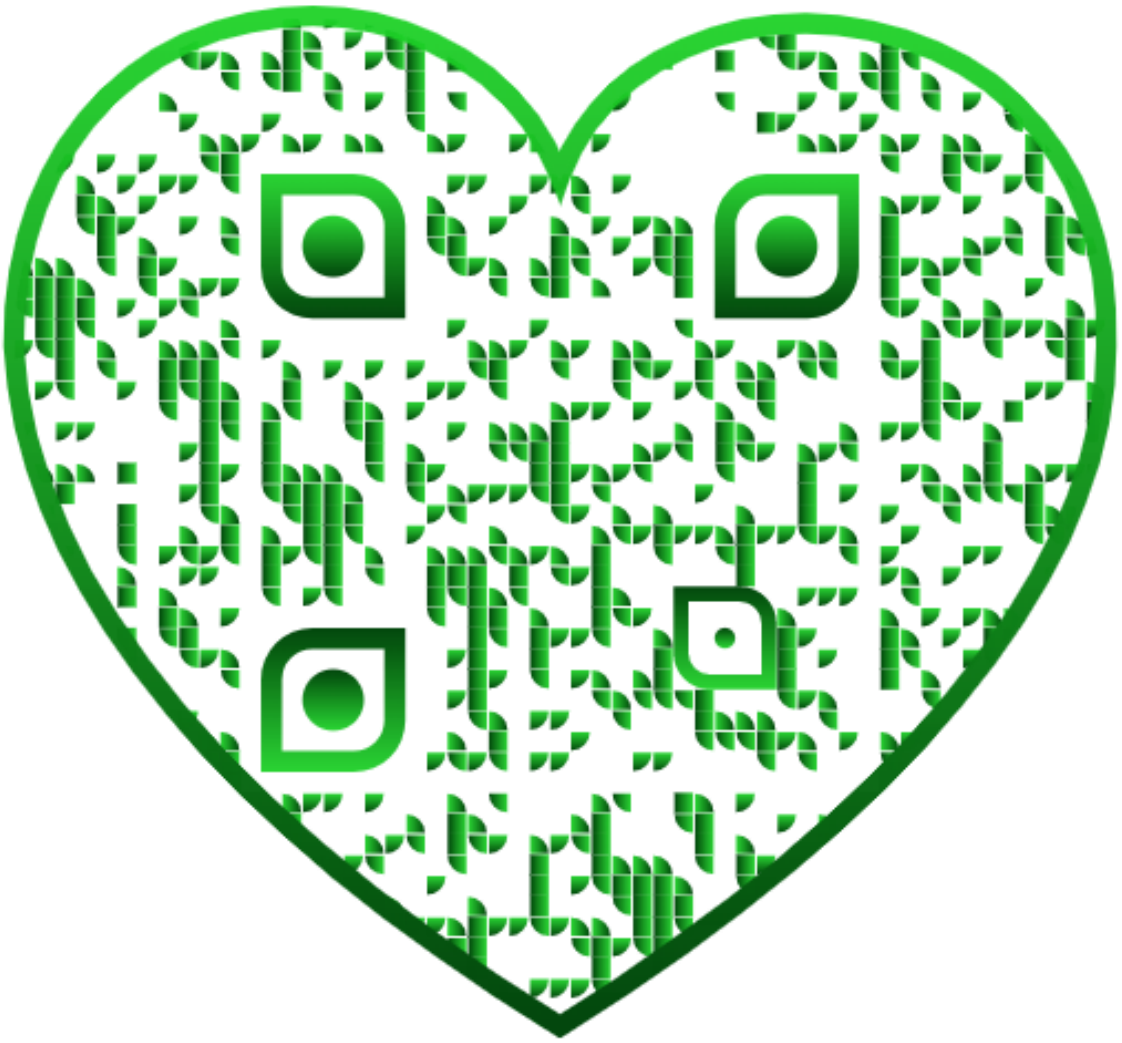

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Aclidinium
Long-Acting Muscarinic Antagonist
- TUDORZA PRESSAIR™ C — *400 mcg*

Aclidinium/Formoterol
Long-Acting Muscarinic Antagonist/ Long-Acting Beta-2 Agonist
- DUAKLIR PRESSAIR® C — *400/12 mcg*

Albuterol
Short-Acting Beta-2 Agonist

Authorized generics available
- PROAIR®, PROVENTIL®, VENTOLIN® 4+ — *90 mcg*

Albuterol/Budesonide
Short-Acting Beta-2 Agonist/ Inhaled Corticosteroid
- AIRSUPRA™ 18+ — *90/80 mcg*

Beclomethasone
Inhaled Corticosteroid
- QVAR REDIHALER® 4+ — *40, 80 mcg*

Budesonide
Inhaled Corticosteroid
- PULMICORT FLEXHALER® 6+ — *90, 180 mcg*

Budesonide/Formoterol
Inhaled Corticosteroid/ Long-Acting Beta-2 Agonist
- SYMBICORT® 6+ C — *80/4.5, 160/4.5 mcg*

Generics: Both an authorized generic and Breyna available

Budesonide/Glycopyrrolate/Formoterol
Inhaled Corticosteroid/ Long-Acting Muscarinic Antagonist/Long-Acting Beta-2 Agonist
- BREZTRI AEROSPHERE™ C — *160/9/4.8 mcg*

Ciclesonide
Inhaled Corticosteroid
- ALVESCO® 12+ — *80, 160 mcg*

Fluticasone furoate
Inhaled Corticosteroid
- ARNUITY ELLIPTA® 5+ — *50, 100, 200 mcg*

Fluticasone propionate
Inhaled Corticosteroid
- ARMONAIR DIGIHALER® 12+ — *55, 113, 232 mcg*
- FLOVENT DISKUS® 4+ — *50, 100, 250 mcg*
- FLOVENT® HFA 4+ — *44, 110, 220 mcg*

Flovent products are not available; Only their authorized generics are available

Fluticasone/Salmeterol
Inhaled Corticosteroid/ Long-Acting Beta-2 Agonist
- AIRDUO® [RespiClick/Digihaler] 12+ — *55/14, 113/14, 232/14 mcg*
- ADVAIR DISKUS® 4+ C — *100/50, 250/50, 500/50 mcg*
- ADVAIR® HFA 12+ — *45/21, 115/21, 230/21 mcg*

Advair HFA, AirDuo: Authorized generics available

Advair Diskus: Both an authorized generic and Wixela Inhub available

Fluticasone/Umeclidinium/Vilanterol
Inhaled Corticosteroid/ Long-Acting Muscarinic Antagonist/Long-Acting Beta-2 Agonist
- TRELEGY ELLIPTA® 18+ C — *100/62.5/25 mcg*, *200/62.5/25 mcg*

Fluticasone/Vilanterol
Inhaled Corticosteroid/ Long-Acting Beta-2 Agonist
- BREO ELLIPTA® 5+ C — *100/25, 200/25 mcg*

Glycopyrrolate/Formoterol
Long-Acting Muscarinic Antagonist/ Long-Acting Beta-2 Agonist
- BEVESPI AEROSPHERE® C — *9/4.8 mcg*

Ipratropium
Short-Acting Muscarinic Antagonist
- ATROVENT® HFA C — *~17 mcg*

Ipratropium/Albuterol
Short-Acting Muscarinic Antagonist/ Short-Acting Beta-2 Agonist
- COMBIVENT RESPIMAT® C — *20/100 mcg*

Levalbuterol
Short-Acting Beta-2 Agonist

Authorized generic available
- Xopenex® 4+ — *45 mcg*

Mometasone
Inhaled Corticosteroid
- ASMANEX TWISTHALER® 4+ — *110, 220 mcg*
- ASMANEX® HFA 5+ — *50, 100, 200 mcg*

Mometasone/Formoterol
Inhaled Corticosteroid/ Long-Acting Beta-2 Agonist
- DULERA® 5+ — *50/5, 100/5, 200/5 mcg*

Olodaterol
Long-Acting Beta-2 Agonist
- STRIVERDI RESPIMAT® C — *2.5 mcg*

Salmeterol
Long-Acting Beta-2 Agonist
- SEREVENT DISKUS® 4+ 4+ C — *50 mcg*

Tiotropium
Long-Acting Muscarinic Antagonist
- SPIRIVA HANDIHALER® C — *18 mcg*
- SPIRIVA RESPIMAT® 6+ C — *1.25, 2.5 mcg*

Tiotropium/Olodaterol
Long-Acting Muscarinic Antagonist/ Long-Acting Beta-2 Agonist
- STIOLTO RESPIMAT® C — *2.5/2.5 mcg*

Umeclidinium
Long-Acting Muscarinic Antagonist
- INCRUSE ELLIPTA® C — *62.5 mcg*

Umeclidinium/Vilanterol
Long-Acting Muscarinic Antagonist/ Long-Acting Beta-2 Agonist
- ANORO ELLIPTA® C — *62.5/25 mcg*

ICS DAILY DOSE CATEGORIZATION
IN ADULTS AND CHILDREN AGE 6 YEARS AND UP

ICS (DELIVERY)	TOTAL DAILY DOSE (MCG/DAY)			
	Age	Low	Medium	High
Beclomethasone (MDI)	12+ years	100-200	>200-400	>400
	6-11 years	50-100	>100-200	>200
Budesonide (DPI)	12+ years	200-400	>400-800	>800
	6-11 years	100-200	>200-400	>400
Ciclesonide (MDI)	12+ years	80-160	>160-320	>320
	6-11 years	80	>80-160	>160
Fluticasone furoate (DPI)	12+ years	100	100	200
	6-11 years	50	50	N/A
Fluticasone prop. (DPI)	12+ years	100-250	>250-500	>500
	6-11 years	50-100	>100-200	>200
Fluticasone prop. (MDI)	12+ years	100-250	>250-500	>500
	6-11 years	50-100	>100-200	>200
Mometasone (DPI)	12+ years	200	200	400
	6-11 years	N/A	N/A	N/A
Mometasone (MDI)	12+ years	200-400	200-400	>400
	6-11 years	100	100	200

ICS DAILY LOW DOSE CATEGORIZATION
IN CHILDREN AGE 5 YEARS AND YOUNGER

ICS (DELIVERY)	LOW TOTAL DAILY DOSE (MCG/DAY) (Age group with adequate safety & efficacy data)
Beclomethasone (MDI)	**50** (ages 5+ years)
Budesonide (nebulized)	**500** (ages 1+ years)
Ciclesonide (MDI)	**Not sufficiently studied in age 5 and under**
Fluticasone furoate (DPI)	**50** (ages 5+ years)
Fluticasone prop. (MDI)	**50** (ages 4+ years)
Mometasone (MDI)	**100** (ages 5+ years)

References: 2023 GINA Report: Global Strategy for Asthma Management and Prevention, FDA Prescribing Information for the individual medications.

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